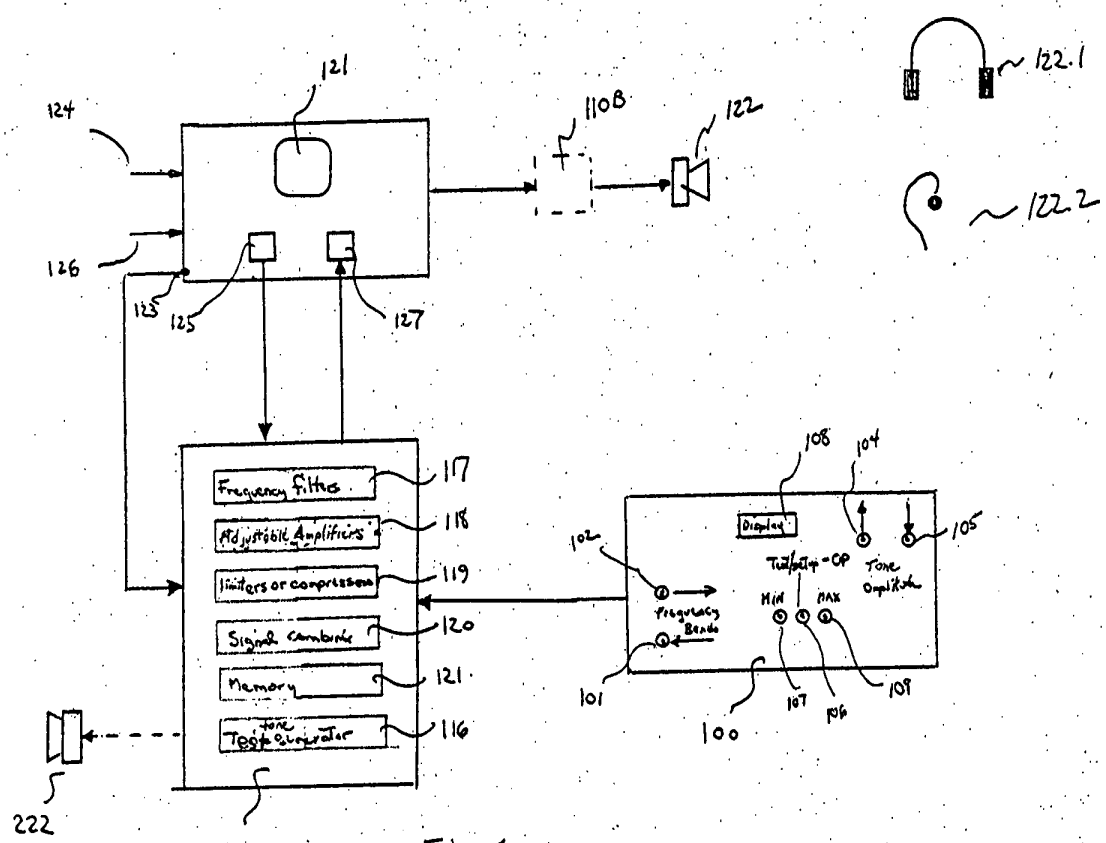
121
124
126
125
125
127
110B
122
122.1
122.2
Frequency filters
Adjustable Amplifiers
limiters or compressors
Signal combiner
Memory
Test tone activator
117
118
119
120
121
116
222
110
108
104
105
Display
Tilt/Setup-CP
Tone Amplitude
102
Frequency Band
101
100
MIN
MAX
107
106
109

Fig. 1

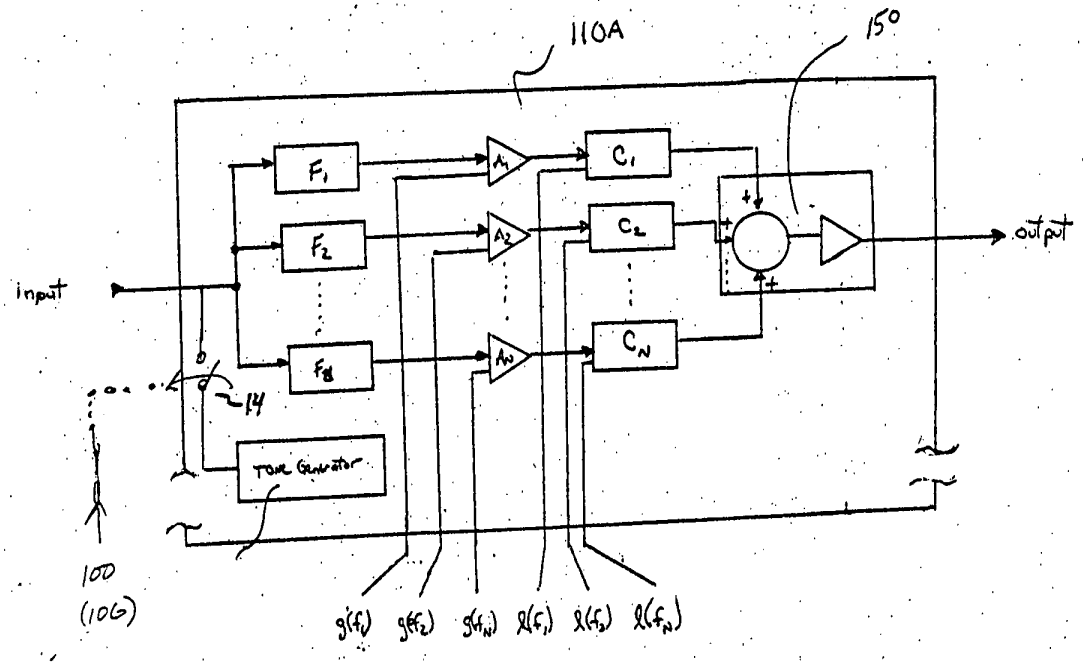
110A
150
input
output
F_1
F_2
F_N
A_1
A_2
A_N
C_1
C_2
C_N
14
Tone Generator
100
(10G)
$g(f_1)$
$g(f_2)$
$g(f_N)$
$l(f_1)$
$l(f_2)$
$l(f_N)$

Figure 2

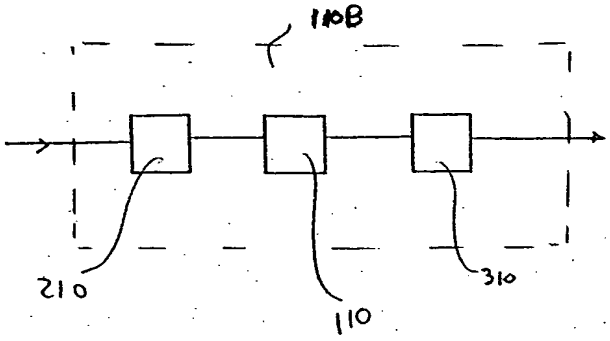
110B
210
110
310

Fig. 3

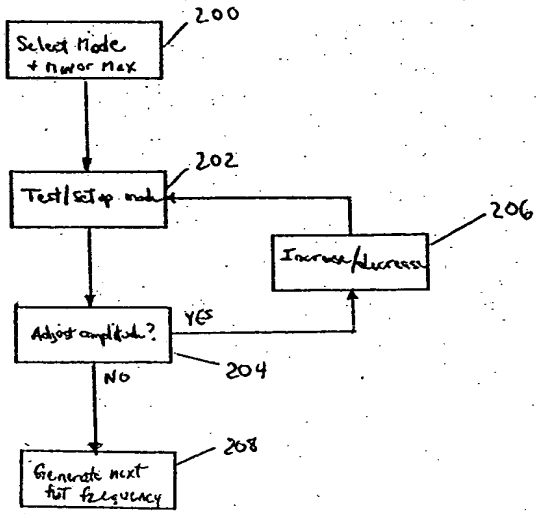
200
Select Mode + N or Max
202
Test/Setup mode
206
Increase/decrease
Adjust amplitude?
YES
204
NO
208
Generate next test frequency

Fig. 4

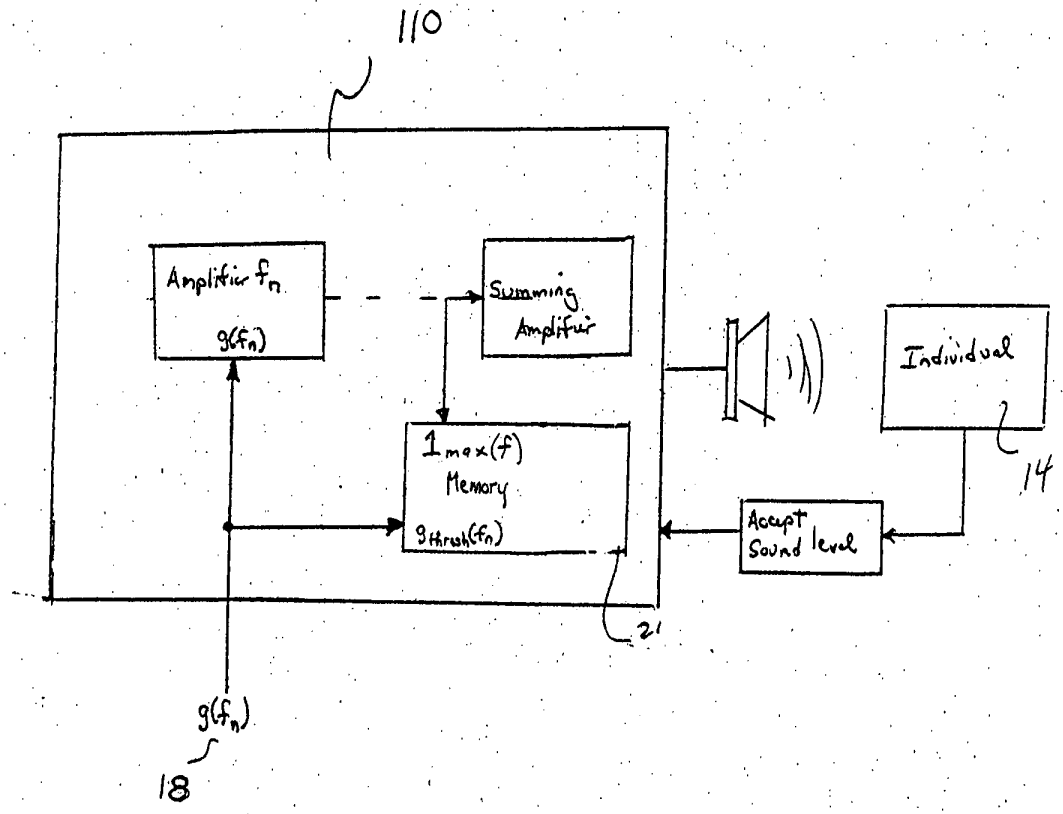
110
Amplifier f_n
$g(f_n)$
Summing Amplifier
Individual
14
$1_{max}(f)$
Memory
$g_{thresh}(f_n)$
Accept Sound level
21
$g(f_n)$
18

Fig. 5

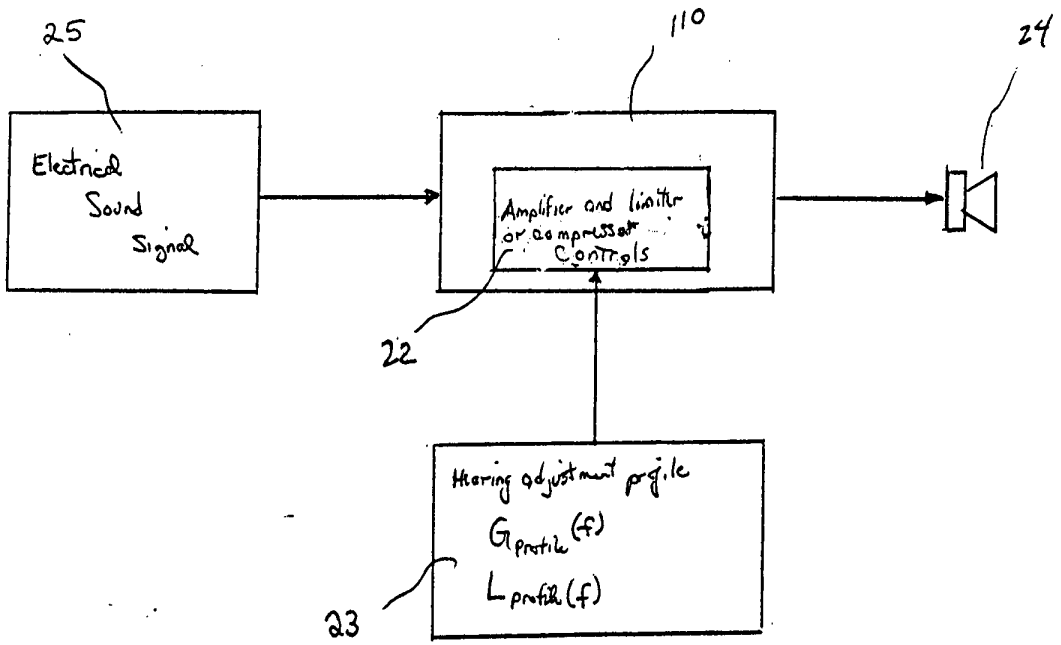
25
Electrical
Sound
Signal
110
Amplifier and limiter
or compressor
Controls
22
24
Hearing adjustment profile
$G_{profile}(f)$
$L_{profile}(f)$
23

Fig. 6